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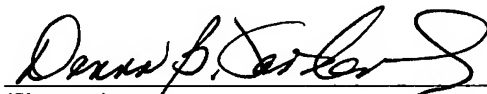


**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No.: 23644  
Application No.: 10/666,061  
Confirmation No.:  
Filing Date: 09/19/2003  
Group Art Unit:  
Examiner Name:  
Attorney Docket No.: 341800-82631  
First Named Inventor: William S. Otte  
Title: Sound Reduced Rotary Vane Compressor

Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231 on December 18, 2003

  
(Signature)

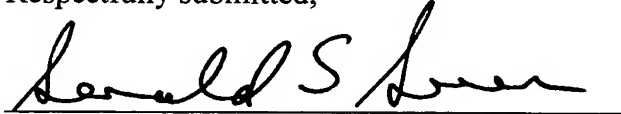
Donna B. Vandenberg  
(Printed Name)

- ☒ [x] AUTHORIZATION TO PAY AND PETITION FOR THE ACCEPTANCE OF ANY NECESSARY FEES. If any charges or fees must be paid in connection with the following Communication (including but not limited to the payment of Issue Fees), they may be paid out of our deposit account 12-0913. If this payment also requires a Petition, please construe this authorization to pay as the necessary Petition which is required to accompany this payment.
- ☐ [ ] Applicant hereby petitions for a \_\_\_-month extension and entry of this Amendment which is sent within the \_\_\_ month after the due date of \_\_\_\_, 2003. The payment of \$\_\_\_00 to cover the \_\_\_-month extension is enclosed herewith.

**SUBMISSION OF**  
**INFORMATION DISCLOSURE STATEMENT**

In connection with the subject application and in accordance with the provisions of 37 C.F.R. §§1.56, 1.97 and 198, submitted herewith is a copy of form PTO-A820 and PTO-1449 containing a list of patents, publications or other information submitted for corroboration by the United States Patent and Trademark Office. A copy of each reference therein is enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Gerald S. Geren", is written over a horizontal line.

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Registration No.: 24,528

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)  
**341800-82631**

Application Number  
**10/666,061**

Applicant(s)  
**William S. Otte et al**

Filing Date  
**09/19/2003**

Group Art Unit

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,270,329	08/07/2001	OSHIMA et al			
		6,196,809	03/06/2001	TAKAHASHI, et al			
		6,129,176	10/10/2000	HUNSBERGER et al			
		5,910,407	06/08/1999	MINAMI et al			
		5,733,108	03/31/1998	RIFFE			
		5,381,132	01/17/1995	MENDEL			
		5,171,142	12/21/1993	MOORE III et al			
		5,169,298	12/08/1992	HEKMAN et al			
		5,063,098	11/05/1991	NIWA et al			
		4,988,269	01/29/1991	BLASS			
		4,975,031	12/04/1990	BAGEPALLI et al			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)

341800-82631

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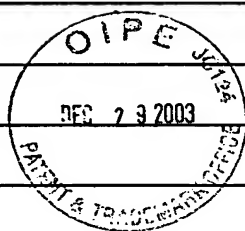
Filing Date

09/19/2003

Group Art Unit

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,960,372	10/02/1990	SCHELDORF et al			
		4,932,851	01/12/1990	KIM			
		4,842,492	06/27/1989	GANNAWAY			
		4,484,873	11/27/1984	INAGAKI et al			



**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		1. Catalogue "Rotary Vane Compressors and Vacuum Pumps" Gast A Unit of Idex Corp F-9 (10/98), Copyright 1998
		2. Catalogue, "Roller Bearings," Cat. No. A140, p, 19933-10, Printed in Japan, Copyright NSK Ltd. 1989.
		3. Data Sheet Polyrex EM, Exxon Mobil Corporation 3225 Gallows Road Fairfax, VA 22037

EXAMINER	DATE CONSIDERED
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